This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): An isolated polynucleotide comprising:

(a) a nucleotide sequence encoding a polypeptide having sugar transport protein activity, wherein said polypeptide is at least 91% identical to SEQ ID NO: 32 or 36 ~~the amino acid sequence of the polypeptide and the amino acid sequence of SEQ ID NO:32 or 36 have at least 91% sequence identity~~, or

(b) the full complement of the nucleotide sequence of (a).

2. (previously presented): The polynucleotide of Claim 1, wherein the amino acid sequence of the polypeptide and the amino acid sequence of SEQ ID NO:32 or 36 have at least 92% identity.

3. (previously presented): The polynucleotide of Claim 1, wherein the amino acid sequence of the polypeptide and the amino acid sequence of SEQ ID NO:32 or 36 have at least 95% identity.

4. (previously presented): The polynucleotide of Claim 1, wherein the amino acid sequence of the polypeptide and the amino acid sequence of SEQ ID NO:32 or 36 have at least 98% identity.

5. (previously presented): The polynucleotide of Claim 1, wherein the amino acid sequence of the polypeptide comprises the amino acid sequence of SEQ ID NO:32 or 36 .

6. (previously presented): The polynucleotide of Claim 1 wherein the nucleotide sequence comprises the nucleotide sequence of SEQ ID NO:31 or 35.

7. (previously presented): A vector comprising the polynucleotide of Claim 1.

8. (previously presented): A recombinant DNA construct comprising the polynucleotide of Claim 1 operably linked to at least one regulatory sequence.

9. (previously presented): A method for transforming a cell, comprising transforming a cell with the polynucleotide of Claim 1.

10. (previously presented): A cell comprising the recombinant DNA construct of Claim 8.

11.-19. (canceled)